

Index of Authors

- ANDREWS, A. H., JR., 617.
Anson, B. J., 467.
Arbuckle, M. F., 681.
Atkinson, Miles, 398.

BAST, T. H., 278, 467.
Beatty, H. G., 572.
Becker, O. J., 562.
Bierman, H. R., 5.
Bordley, J. E., 751.
Boyden, G. L., 543.
Brickman, I. W., 5.
Brown, T. McP., 751.
Budetti, J. A., 434, 901.
Burnam, C. F., 764.

CANFIELD, NORTON, 108.
Carhart, Raymond, 233.
Cassels, W. H., 638.
Cawthorne, Terence, 519.
Clerf, L. H., 312, 646.
Cody, C. C., Jr., 549.
Connor, C. E., 342.
Crowe, S. J., 779.
Culver, W. E., 743.
Cummings, G. O., 136.
Cunning, D. S., 583.

DICKSON, J. C., 440.
Dixon, O. J., 891.

EAGLE, W. W., 55.
Engler, C. W., 667.

FORMAN, F. S., 175.

GALLOWAY, T. C., 508.

HAINES, H. L., 347.
Harris, J. D., 347.
Healey, J. C., 871.
Heatly, C. A., 322.
Hendricks, J. E., 68.
Herbut, P. A., 646.
Higbee, David, 227.
Hill, F. T., 128.
Hoisinger, P. H., 601, 617, 638.
Hoople, G. D., 121.
Howard, J. C., Jr., 146.

JACKSON, D. E., 859.
Jervcy, J. W., 431.
Johnson, C. I., 938.
Jones, A. C., 200.

KEARNEY, H. L., 185.
Kelley, V. J., 878.
Kelly, W. J., 13.
Kleinert, M. N., 188.
Kleinfeld, Louis, 912.
Knight, J. S., 656.

LANGHEINZ, H. W., 13.
LeJeune, F. E., 531.
Lillie, H. I., 495.
Lindsay, J. R., 43.

MARTIN, N. A., 81.
Maxwell, J. H., 719.
McCaskey, C. H., 524.
McMahon, B. J., 298.
Mitchell, H. E., 609.
Morrissett, L. E., 821.
Munson, F. T., 179.

NUNGESTER, W. J., 743.

- O'KEEFE, J. J., 312.
Olsen, A. M., 629.
PIERSON, W. M., 604.
Proetz, A. W., 306.
RICHARDSON, G. S., 914.
Roberts, E. R., 592.
Roberts, S. E., 175.
Ruskin, S. L., 904.
SCHOOLMAN, J. G., 789.
Schultz, E. C., 862.
Senturia, B. H., 90.
Shirkey, H. C., 859.
Spencer, F. R., 580.
Stitt, H. L., 599.
Sullivan, J. A., 839.
Swann, C. C., 29.
TAYLOR, DEKLE, 743.
Titcher, L. L., 945.
Tschiasny, Kurt, 152, 423.
Tucker, Gabriel, 693.
UHDE, G. I., 795.
VAN ALYEA, O. E., 267, 754.
Violé, Pierre, 334.
WEAVER, D. F., 196, 932.
Weille, F. L., 372.
White, F. W., 537.
Wible, L. E., 146.
Wojniak, Frank, 406.
YOUNGS, N. A., 43.
ZONDERMAN, BERNARD, 938.
Zukerman, Morris, 179.

Index of Titles

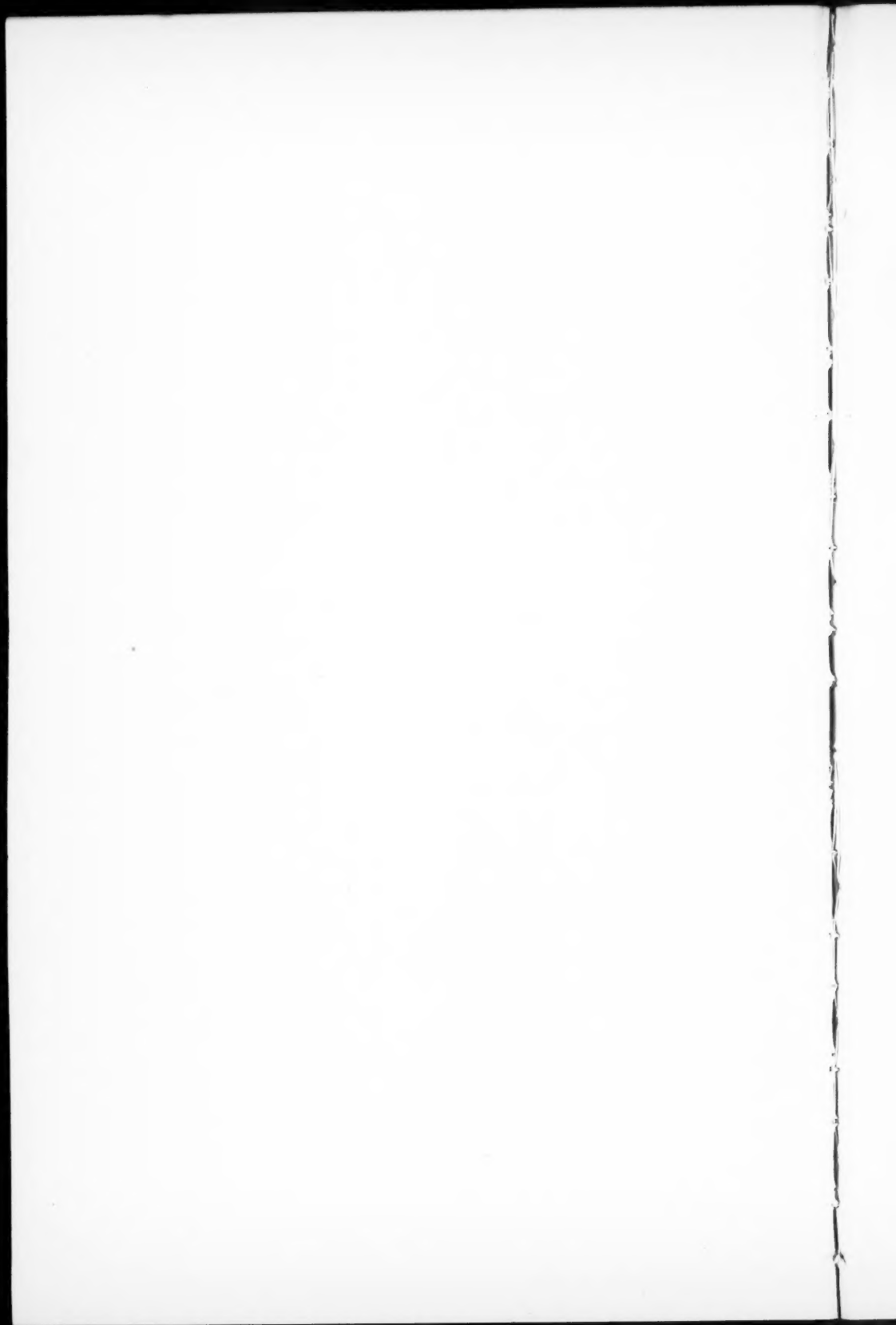
- ADAMANTINOMA of the Maxillary Sinus. George S. Richardson, 914.
- Adamantinoma of the Maxillary Sinus, with Report of Two Cases. Clyde A. Heatly, 322.
- Aerotitis Media, Dental Treatment for the Prevention of. William J. Kelly and Henry W. Langheinz, 13.
- Aerotitis Media in Submariners. Henry L. Haines and J. Donald Harris, 347.
- Aerotitis Media. The Relationship of Dental Malocclusion to Vacuum Otitis Media and the Use of Dental Splints During Descent From Altitudes. Howard R. Bierman and I. William Brickman, 5.
- Agensis of the Right Lung: With Death Following Aspiration of Foreign Bodies into the Left Lung. Horace E. Mitchell, 609.
- Allergen Diagnosis, Evaluation of. James C. Healy, 871.
- Allergic Rhinitis and the Common Cold, The Vascular Dynamics of. Simon L. Ruskin, 904.
- Allergy. Otolaryngological Results with the Blood Allergy Method. Vincent J. Kelley, 878.
- Anesthesia, Intratracheal, Bilateral Granuloma of the Larynx Following. Harold L. Kearney, 185.
- Anesthesiology and Bronchology, Points of Mutual Interest in. William H. Cassels and Paul H. Holinger, 638.
- Anoxia, Unrecognized, The Danger of, in Laryngology. Thomas C. Galloway, 508.
- Antibiotics and Sulfonamides, The Influence of, on the Future of Otolaryngology. Bernard J. McMahon, 298.
- Aphonia. Carl H. McCaskey, 524.
- Apasia of the Lung. W. M. Pierson, 604.
- Aquaeductus Cochleae, Development of the, and Its Contained Periotic Duct and Cochlear Vein in Human Embryos. T. H. Bast, 278.
- Aspiration, Bronchial, for Postoperative Atelectasis; A Simplified Technique. Joseph A. Budetti, 901.
- Asthma. Status Asthmaticus. George O. Cummings, 136.
- Atelectasis, Postoperative, Bronchial Aspiration for; A Simplified Technique. Joseph A. Budetti, 901.
- Audiometry. A Statistical Analysis of Audiometric Surveys in the Royal Canadian Air Force. J. A. Sullivan, 839.
- BLACK Tongue. Margaret N. Kleinert, 188.
- Blood Allergy Method, Otolaryngological Results with the. Vincent J. Kelley, 878.
- Boeck's Sarcoid: A Brief Review and Report of a Case in Which Diagnosis was Made by Bronchoscopic Examination and Biopsy. Arthur M. Olsen, 629.
- Bronchi and Trachea, Penicillin Therapy in the. Albert H. Andrews, Jr., and Paul H. Holinger, 617.
- Bronchology and Anesthesiology, Points of Mutual Interest in. William H. Cassels and Paul H. Holinger, 638.
- Bronchoscope, Catheterizing, and Angulated Bronchial Forceps. Howard L. Stitt, 599.
- Bronchus, Secretions from, The Diagnosis of Bronchogenic Carcinoma by Examination of the. Louis H. Clerf and Peter A. Herbut, 646.
- Burns, Chemical, of the Esophagus. George I. Uhde, 795.
- CANCER, Incidence of, of the Head and Neck: A Statistical Comparison. Joseph G. Schoolman, 789.

- Cancer, Late Laryngeal, Endolaryngeal Surgery Combined with Radiation in. Millard F. Arbuckle, 681.
- Cancer of the Vocal Cord, Intralaryngeal Operation for. Francis E. LeJeune, 531.
- Carcinoma, Bronchogenic, Diagnosis of, by Examination of Bronchial Secretions. Louis H. Clerf and Peter A. Herbut, 646.
- Carcinomata, Advanced, of the Face. D. F. Weaver, 932.
- Cleft Palate. Hugh G. Beatty, 572.
- Cochlea, Development of Aquaduct of, and Its Contained Periotic Duct and Cochlear Vein in Human Embryos. T. H. Bast, 278.
- Cold, Common, Nasal Physiology in Relation to the. Arthur W. Proetz, 306.
- Cold, Common, The Vascular Dynamics of the, and Allergic Rhinitis. Simon L. Ruskin, 904.
- Curare, Effect of, on the Loudness Level in Tinnitus Aurium. Miles Atkinson, 398.
- Cyst, Congenital, of the Mediastinum, Producing Compression on the Lower Trachea and Esophagus. Gabriel Tucker, 693.
- DEAFNESS, Psychogenic. Norvil A. Martin, 81.
- Deafness. The Aural Rehabilitation Program of the U. S. Army for the Deaf and Hard of Hearing. Leslie E. Morrisett, 821.
- Deafness, War, in Gunnery Instructors. John E. Hendricks, 68.
- Dental Splints, The Use of, During Descent from Altitudes, and the Relationship of Dental Malocclusion to Vacuum Otitis Media. Howard R. Bierman and I. William Brickman, 5.
- Dental Treatment for the Prevention of Aerotitis Media. William J. Kelly and Henry W. Langhein, 13.
- EA-83 and Oenethyl, Experimental and Clinical Observations Regarding the Nasal Vasoconstrictor Action of. Harry C. Shirkey and D. E. Jackson, 859.
- Empyema, Subdural, of Frontal Sinus Origin. E. C. Schultz, 882.
- Erythema Multiforme, Oropharyngeal Manifestations of. John Clair Howard, Jr., and LeRoy E. Wible, 146.
- Esophagus and Trachea, Injuries to, Incurred in Combat. John S. Knight, 656.
- Esophagus, Chemical Burns of the. George I. Uhde, 795.
- Esophagus, Perforation of, Not Caused by Instrumentation: Review of Eight Cases. C. W. Engler, 667.
- Esophagus. Two Unusual Esophageal Cases. Arthur C. Jones, 200.
- Exophthalmos, Unilateral: Case Report of an Unusual Result. Joseph A. Budetti, 434.
- FACE, Advanced Carcinomata of the. D. F. Weaver, 932.
- Face, Fibrolipoma of the; Case Report. D. F. Weaver, 196.
- Facial Nerve Lesion, The Site of, in Cases of Ramsay Hunt's Syndrome. Kurt Tschiasny, 152.
- Fibrolipoma of the Face, Case Report. D. F. Weaver, 196.
- Forceps, Angulated Bronchial, and Catheterizing Bronchoscope. Howard L. Stitt, 599.
- Foreign Bodies, Magnets for the Extraction of. Paul H. Holinger, 601.
- Frontal Bone, A Case of Osteomyelitis of the, Extending from the Frontal Sinus, Complicated by Meningitis, Recovery. Frederick T. Munson and Morris Zukerman, 179.
- Frontal Bone, Report of a Case of Eosinophilic Granuloma Involving the. Charles I. Johnson and Bernard Zonderman, 938.
- Frontal Sinus Drainage. O. E. Van Alyea, 267.
- Frontal Sinus Origin, Subdural Empyema of. E. C. Schultz, 882.
- Frontal Sinus Surgery, Secondary, The Problem of. Francis L. Welle, 372.
- GRANULOMA, Bilateral, of the Larynx, Following Intratracheal Anesthesia. Harold L. Kearney, 185.
- Granuloma, Eosinophilic: Report of a Case Involving the Frontal Bone. Charles I. Johnson and Bernard Zonderman, 938.

- HEADACHE, Clinical Observations on the Diagnosis and Treatment of, With Histamine. O. Jason Dixon, 891.
- Hearing. A Statistical Analysis of Audiometric Surveys in the Royal Canadian Air Force. J. A. Sullivan, 839.
- Hearing for Speech, Individual Differences in. Raymond Carhart, 233.
- Histamine, Clinical Observations on the Diagnosis and Treatment of Headache with. O. Jason Dixon, 891.
- Hoarseness, Some Causes of, in Children. Francis W. White, 537.
- Hunt's Syndrome, The Site of Facial Nerve Lesion in Cases of. Kurt Tschiasny, 152.
- INFECTIONS, Deep, of the Neck with Particular Reference to the Role of Dental Foci. C. C. Swann, 29.
- Infections of the Neck. J. Charles Dickson, 440.
- Inhalants, Volatile, Sinus Therapy by the Use of. Preliminary Report. Louis Kleinfeld, 912.
- Irradiation of the Nasopharynx. Samuel J. Crowe, 779.
- Irradiation Therapy, General Factors in. Curtis F. Burnam, 764.
- LABYRINTHITIS, Suppurative. Nelson A. Youngs and J. R. Lindsay, 43.
- Larynx, Associated Paralyzes of the. Claude C. Cody, Jr., 549.
- Larynx, Bilateral Granuloma of the, Following Intratracheal Anesthesia. Harold L. Kearney, 185.
- Larynx, Contact Ulcer of the: A Personal Experience. J. W. Jervey, 431.
- Larynx, Late Cancer of the, Endolaryngeal Surgery Combined with Radiation in. Millard F. Arbuckle, 681.
- Lip, Salivary Gland Tumor of the. L. L. Titche, 945.
- Lung, Agenesis of the Right; With Death Following Aspiration of Foreign Bodies into Left Lung. Horace E. Mitchell, 609.
- Lung, Aplasia of the. W. M. Pierson, 604.
- MAGNETS for the Extraction of Foreign Bodies from the Air and Food Passages. Paul H. Holinger, 601.
- Malocclusion, Dental, The Relationship of, to Vacuum Otitis Media and the Use of Dental Splints During Descent from Altitudes. Howard R. Bierman and I. William Brickman, 5.
- Mastoidectomy, Endaural Approach to the Mastoid for Complete. With Report of 43 Operations. Guy L. Boyden, 543.
- Maxilla, Osteomyelitis of the, Secondary to Suppurative Maxillary Sinusitis. H. I. Lillie, 495.
- Maxillary Sinus, Adamantinoma of the. George S. Richardson, 914.
- Maxillary Sinus, Adamantinoma of the, with Report of Two Cases. Clyde A. Heatly, 322.
- Maxillary Sinus Drainage. O. E. Van Alyea, 754.
- Maxillary Sinus, Follicular Odontoma of the. Sam E. Roberts and Frank S. Forman, 175.
- Maxillary Sinus, Malignant Tumors of the: An Analysis of 47 Fatalities. John J. O'Keefe and Louis H. Clerf, 312.
- Mediastinum, Congenital Cyst of the, Producing Compression on the Lower Trachea and Esophagus. Gabriel Tucker, 693.
- Medication, Intranasal. An Investigation into the Relative Merits of Certain Methods of Introducing Fluids into the Nose. Terence Cawthorne, 519.
- Meningitis, Osteomyelitis of the Frontal Bone Extending from the Frontal Sinus, Complicated by; Recovery. Frederick T. Munson and Morris Zukerman, 179.
- NASOPHARYNX, Irradiation of the. Samuel J. Crowe, 779.
- Neck, Deep Infections of the, with Particular Reference to the Role of Dental Foci. C. C. Swann, 29.
- Neck Infections. J. Charles Dickson, 440.
- Neoplasms, Malignant, Incidence of, of the Head and Neck; A Statistical Comparison. Joseph G. Schoolman, 789.
- Nose, An Investigation into the Relative Merits of Certain Methods of Introducing Fluids into the. Terence Cawthorne, 519.
- OBITUARIES:
Carmody, Thomas E., 961.

- Odontoma, Follicular, of the Maxillary Sinus. Sam E. Roberts and Frank S. Forman, 175.
- Oenethyl and EA-83, Experimental and Clinical Observations Regarding the Nasal Vasoconstrictor Action of. Harry C. Shirkey and D. E. Jackson, 859.
- Operation, Intralaryngeal, for Cancer of the Vocal Cord. Francis E. LeJeune, 531.
- Oropharynx, Manifestations in the, in Erythema Multiforme. John Clair Howard, Jr. and LeRoy E. Wible, 146.
- Ossicles, Auditory, Development of, and Associated Structures in Man. Barry J. Anson and T. H. East, 467.
- Osteomyelitis, Chronic Proliferative, of the Skull. James H. Maxwell, 719.
- Osteomyelitis of the Frontal Bone, Extending from the Frontal Sinus, Complicated by Meningitis, Recovery. Frederick T. Munson and Morris Zukerman, 179.
- Osteomyelitis of the Maxilla Secondary to Suppurative Maxillary Sinusitis. H. I. Lillie, 495.
- Otitis Externa, Penicillin Therapy in. Ben H. Senturia, 90.
- Otitis Media, Secretory. Watt W. Eagle, 55.
- Otolaryngologists's Experience in World War II. Gordon D. Hoople, 121.
- Otolaryngology in the European Theater of World War II. Norton Canfield, 108.
- Otolaryngology, Progress in, Since 1937. An Appraisal of the Present Status of Mosher's "Unsolved Problems." Frederick T. Hill, 128.
- Otosclerosis, The External Ear and Drum Membrane in. Frank Wojniak, 406.
- PALATE, Cleft. Hugh G. Beatty, 572.
- Paralyses, Associated, of the Larynx. Claude C. Cody, Jr., 549.
- Penicillin Lozenges, Effect of, on Clinical and Bacteriological Findings of Patients. Dekle Taylor, Wave E. Culver and W. J. Nungester, 743.
- Penicillin Therapy in External Otitis. Ben H. Senturia, 90.
- Penicillin Therapy in the Trachea and Bronchi. Albert H. Andrews, Jr., and Paul H. Holinger, 617.
- Pharynx, Schwannoma of the. Pierre Violé, 334.
- Physiology, Nasal, in Relation to the Common Cold. Arthur W. Proetz, 306.
- Plasmocytoma, Solitary Extramedullary: Case Report. Charles E. Connor, 342.
- Poliomyelitis and Tonsillectomy. Daniel S. Cuning, 583.
- Poliomyelitis and Tonsillectomy. Edward R. Roberts, 592.
- RADIATION Combined with Endolaryngeal Surgery in Late Cancer of the Larynx. Millard F. Arbuckle, 681.
- Rehabilitation, Aural, The Program of the U. S. Army for the Deaf and Hard of Hearing. Leslie E. Morrissett, 821.
- Rheumatic Fever, A Brief Review of, and the Role of Tonsillitis in Its Etiology. David Higbee, 227.
- Rhinoplasty, Aids in. Oscar J. Becker, 562.
- Rhinoporioidosis. Frank R. Spencer, 580.
- SALIVARY Gland Tumor of the Lip. L. L. Titche, 945.
- Sarcoid, Boeck's: A Brief Review and Report of a Case in Which Diagnosis was Made by Bronchoscopic Examination and Biopsy. Arthur M. Olsen, 629.
- Schwannoma of the Pharynx. Pierre Violé, 334.
- Sinus, Frontal, Drainage. O. E. Van Alyea, 267.
- Sinus, Frontal, Origin of Subdural Empyema in. E. C. Schultz, 882.
- Sinus, Frontal, Secondary Surgery, The Problem of. Francis L. Weille, 372.
- Sinus, Maxillary, Adamantinoma of the. George S. Richardson, 914.
- Sinus, Maxillary, Adamantinoma of the, with Report of Two Cases. Clyde A. Heatly, 322.
- Sinus, Maxillary, Drainage. O. E. Van Alyea, 754.
- Sinus, Maxillary, Follicular Odontoma of the. Sam E. Roberts and Frank S. Forman, 175.

- Sinus, Maxillary, Malignant Tumors of the: An Analysis of 47 Fatalities. John J. O'Keefe and Louis H. Clerf, 312.
- Sinus Therapy by the Use of Volatile Inhalants. Preliminary Report. Louis Kleinfeld, 912.
- Sinusitis, Maxillary, Suppurative, Osteomyelitis of the Maxilla Secondary to. H. I. Lillie, 495.
- Skull, Chronic Proliferative Osteomyelitis of the. James H. Maxwell, 719.
- Speech, Individual Differences in Hearing for. Raymond Carhart, 233.
- Status Asthmaticus. George O. Cummings, 136.
- Submariners, Aerotitis Media in. Henry L. Haines and J. Donald Harris, 347.
- Sulfonamides and Antibiotics, The Influence of, on the Future of Otolaryngology. Bernard J. McMahon, 298.
- Sulfonamides, Tonsillectomy in Early Convalescence from Acute Tonsillitis with the Prophylactic Use of. John E. Bordley and Thomas McP. Brown, 751.
- Surgery, Endolaryngeal, Combined with Radiation in Late Laryngeal Cancer. Millard F. Arbuckle, 681.
- Surgery, The Problem of Secondary Frontal Sinus. Francis L. Weille, 372.
- TINNITUS Aurium: Observations on the Effect of Curare on the Loudness Level. Miles Atkinson, 398.
- Tongue, Hairy or Black. Margaret N. Kleinert, 188.
- Tonsillectomy and Poliomyelitis. Daniel S. Cuning, 583.
- Tonsillectomy and Poliomyelitis. Edward R. Roberts, 592.
- Tonsillectomy in Early Convalescence from Acute Tonsillitis with the Prophylactic Use of Sulfonamides. John E. Bordley and Thomas McP. Brown, 751.
- Tonsillitis, The Role of, in the Etiology of Rheumatic Fever. David Higbee, 227.
- Trachea and Bronchi, Penicillin Therapy in the. Albert H. Andrews, Jr., and Paul H. Holinger, 617.
- Trachea and Esophagus, Injuries to, Incurred in Combat. John S. Knight, 656.
- Tumor, Salivary Gland, of the Lip. L. L. Titche, 945.
- Tumors, Malignant, of the Maxillary Sinus: An Analysis of 47 Fatalities. John J. O'Keefe and Louis H. Clerf, 312.
- Tuning Fork Tests: A Historical Review. Kurt Tschiasny, 423.
- ULCER, Contact, of the Larynx: A Personal Experience. J. W. Jervey, 431.
- VASCULAR Dynamics of the Common Cold and Allergic Rhinitis. Simon L. Ruskin, 904.
- Vasoconstrictor Action, Experimental and Clinical Observations Regarding the, of Oenethyl and EA-83. Harry C. Shirkey and D. E. Jackson, 859.
- Vocal Cord, Intralaryngeal Operation for Cancer of. Francis E. LeJeune, 531.
- WORLD WAR II, An Otolaryngologist's Experience in. Gordon D. Hoople, 121.
- World War II, Otolaryngology in the European Theater of. Norton Canfield, 108.



ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY

FOUNDED BY JAMES PLEASANT PARKER

VOLUME 55

Editor

ARTHUR W. PROETZ, M.D.,
Beaumont Building, St. Louis, 8

Associate Editor

BERNARD J. McMAHON, M.D.
Missouri Theatre Building, St. Louis, 3

Editorial Board

T. E. CARMODY, M.D. (Deceased) • Denver
SAMUEL J. CROWE M.D. • • • Baltimore
W. E. GROVE, M.D. • • • Milwaukee
DAVID HIGBEE, M.D. • • • San Diego
ANDERSON C. HILDING, M.D. • • Duluth
FREDERICK T. HILL, M.D. • Waterville, Me.

MARVIN F. JONES, M.D. • • • New York
HAROLD I. LILLIE, M.D. • Rochester, Minn.
JOHN G. McLAURIN, M.D. • • • Dallas
LEROY A. SCHALL, M.D. • • • Boston
H. MARSHALL TAYLOR, M.D., Jacksonville, Fla.
O. E. VAN ALYEA, M.D. • • • Chicago

Published Quarterly

BY THE

ANNALS PUBLISHING COMPANY

EDITORIAL OFFICE • 1010 BEAUMONT BLDG., 8

BUSINESS OFFICE • 7200 WYDOWN BL., 5

ST. LOUIS, MO., U.S.A.

COPYRIGHT, 1946
ANNALS PUBLISHING COMPANY

Annual Subscription in United States, Spain, Central and South America, \$6.00 in Advance.
Canada, \$6.40. Other Countries, \$6.80.

RF 1

AGB

1-25

1-25

5/11

Table of Contents, Volume 55

MARCH, 1946—NUMBER 1

	PAGE
I—The Relationship of Dental Malocclusion to Vacuum-Otitis Media and the Use of Dental Splints During Descent From Altitudes. Howard R. Bierman, Commander, Medical Corps, United States Naval Reserve, and I. William Brickman, Lieutenant, Dental Corps, United States Naval Reserve, Bethesda, Md.	5
II—Dental Treatment for the Prevention of Aerotitis Media, Lieut. Comdr. William J. Kelly, Dental Corps, United States Naval Reserve, and Henry W. Langhein, D.D.S.	13
III—Deep Infections of the Neck with Particular Reference to the Role of Dental Foci, C. C. Swann, M.D., Asheville, N. C.	29
IV—Suppurative Labyrinthitis, Nelson A. Youngs, M. D., and J. R. Lindsay, M.D., Grand Forks, N. D.	43
V—Secretory Otitis Media, Watt W. Eagle, M.D., Durham, N. C.	55
VI—War Deafness In Gunnery Instructors, Captain John E. Hendricks, Medical Corps, Army of the United States	68
VII—Psychogenic Deafness, Lt. Col. Norvil A. Martin, Medical Corps, Army of the United States	81
VIII—Penicillin Therapy In External Otitis, Ben H. Senturia, M.D., St. Louis, Mo.	90
IX—Otolaryngology In the European Theater of World War II, Colonel Norton Canfield, Medical Corps, Army of the United States	108
X—An Otolaryngologist's Experience In World War II. Gordon D. Hoople, M.D., Syracuse, N. Y.	121
XI—Progress In Otolaryngology Since 1937. An Appraisal of the Present Status of Dr. Mosher's "Unsolved Problems." Frederick T. Hill, M.D., Waterville, Maine	128
XII—Status Asthmaticus. George O. Cummings, M.D., Portland, Maine	136
XIII—Oropharyngeal Manifestations of Erythema Multiforme. John Clair Howard, Jr., M.D., Kansas City, Mo., LeRoy E. Wible, M.D., Pittsburgh, Pa.	146
XIV—The Site of the Facial Nerve Lesion In Cases of Ramsay Hunt's Syndrome, Kurt Tschiasny, M.D., Cincinnati, Ohio	152
Clinical Notes	
XV—Follicular Odontoma of the Maxillary Sinus. Sam E. Roberts, M.D., Frank S. Forman, M.D., Kansas City, Mo.	175
XVI—A Case of Osteomyelitis of the Frontal Bone Extending From the Frontal Sinus, Complicated by Meningitis, Recovery. Frederick T. Munson, M.D., and Morris Zukerman, M.D., Detroit, Mich.	179

796807

	PAGE
XVII—Bilateral Granuloma of the Larynx Following Intratracheal Anesthesia, Harold Leslie Kearney, M.D., New Orleans, La.	185
XVIII—Hairly or Black Tongue, Margaret Noyes Kleinert, M.D., Boston, Mass.	188
XIX—Fibrolipoma of the Face, Report of a Case. D. F. Weaver, M.D., Detroit, Mich.	196
XX—Two Unusual Esophageal Cases. Arthur C. Jones, M.D., Boise, Idaho	200
Society Proceedings	
Chicago Laryngological and Otological Society. Meeting of Monday, November 5, 1945. The Significance of Positional Nystagmus In Otoneurological Diagnosis—The Relation of Eye Movements to the Vestibular System in Man	204
Abstracts of Current Articles	213
Books Received	222
Notices	224
Officers of the National Otolaryngological Societies	225

JUNE, 1946—NUMBER 2

XXI—A Brief Review of Rheumatic Fever. The Role of Tonsillitis in Its Etiology. David Higbee, M.D., San Diego, Calif.	227
XXII—Individual Differences in Hearing for Speech. Raymond Carhart, Ph.D., Captain, M.A.C., Army of the United States	233
XXIII—Frontal Sinus Drainage. O. E. Van Alyea, M.D., Chicago, Ill.	267
XXIV—Development of the Aquaeductus Cochleae and Its Contained Periotic Duct and Cochlear Vein in Human Embryos. T. H. Bast, Ph.D., Madison, Wis.	278
XXV—The Influence of the Sulfonamides and Antibiotics on the Future of Otolaryngology. Bernard J. McMahon, M.D., St. Louis, Mo.	298
XXVI—Nasal Physiology in Relation to the Common Cold. Arthur W. Proetz, M.D., St. Louis, Mo.	306
XXVII—Malignant Tumors of the Maxillary Sinus: An Analysis of 47 Fatalities. John J. O'Keefe, M.D., and Louis H. Clerf, M.D., Philadelphia, Pa.	312
XXVIII—Adamantinoma of the Maxillary Sinus With A Report of Two Cases. Clyde A. Heatly, M.D., Rochester, N. Y.	322
XXIX—Schwannoma of the Pharynx, Pierre Violé, M.D., Los Angeles, Calif.	334
XXX—Solitary Extramedullary Plasmocytoma: Case Report. Charles E. Connor, M.D., St. Paul, Minn.	342
XXXI—Aerotitis Media in Submariners. Henry L. Haines, M.D., J. Donald Harris, Ph.D., New London, Conn.	347
XXXII—The Problem of Secondary Frontal Sinus Surgery. Francis L. Welle, M.D., Boston, Mass.	372

TABLE OF CONTENTS

v

	PAGE
XXXIII—Tinnitus Aurium: Observations on the Effect of Curare on Loudness Level. Miles Atkinson, M.D., New York, N. Y.	398
XXXIV—The External Ear and Drum Membrane in Otosclerosis. Frank Wojniak, M.D., Chicago, Ill.	406
XXXV—Tuning Fork Tests. A Historical Review. Kurt Tschiasny, M.D., Cincinnati, Ohio	423
Clinical Notes	
XXXVI—Contact Ulcer of the Larynx. A Personal Experience. J. W. Jervey, M.D., Greenville, S. C.	431
XXXVII—Unilateral Exophthalmos. Case Report of An Unusual Result. Joseph A. Budetti, Captain Medical Corps, Army of the United States	434
XXXVIII—Neck Infections. J. Charles Dickson, M.D., Houston, Texas	440
Society Proceedings	
Chicago Laryngological and Otological Society. Meeting of Monday, December 3, 1945. Sulfonamide Toxicity: Interpretation of Laboratory Findings—The External Ear and Drum Membrane in Otosclerosis	447
Abstracts of Current Articles	454
Notices	464
Officers of the National Otolaryngological Societies	466

SEPTEMBER, 1946—NUMBER 3

XXXIX—The Development of the Auditory Ossicles and Associated Structures in Man. Barry J. Anson, Ph.D., Chicago, Ill., and Theodore H. Bast, Ph.D., Madison, Wis.	467	✓
XL—Osteomyelitis of the Maxilla Secondary to Suppurative Maxillary Sinusitis. H. I. Lillie, M.D., Rochester, Minn.	495	
XLI—The Danger of Unrecognized Anoxia In Laryngology. Thomas C. Galloway, M.D., Evanston, Ill.	508	
XLII—Intranasal Medication. An Investigation Into the Relative Merits of Certain Methods of Introducing Fluids Into the Nose. Terence Cawthorne, F.R.C.S., London, England	519	
XLIII—Aphonia. Carl H. McCaskey, M.D., Indianapolis, Ind.	524	
XLIV—Intralaryngeal Operation For Cancer of the Vocal Cord. Francis E. LeJeune, M.D., New Orleans, La.	531	
XLV—Some Causes of Hoarseness in Children. Francis W. White, M.D., New York, N. Y.	537	
XLVI—Endaural Approach to the Mastoid for Complete Mastoidectomy, With Report of 43 Operations. Guy L. Boyden, M.D., Portland, Ore.	543	
XLVII—Associated Paralyzes of the Larynx. Claude C. Cody, Jr., M.D., Houston, Texas	549	
XLVIII—Aids In Rhinoplastic Procedures. Oscar J. Becker, M.D., Chicago, Ill.	562	
XLIX—Cleft Palate. Hugh G. Beatty, M.D., Columbus, Ohio	572	

	PAGE
L—Rhinosporidiosis. Frank R. Spencer, M.D., Boulder, Colo.	580
LI—Tonsillectomy and Poliomyelitis. Daniel S. Cuning, M.D., New York, N. Y.	583
LII—Tonsillectomy and Poliomyelitis. Edward Russell Roberts, M.D., Bridgeport, Conn.	592
The Scientific Papers of the American Broncho-Esophagological Association	
LIII—Catheterizing Bronchoscope and Angulated Bronchial Forceps. Howard L. Stitt, M.D., Cincinnati, Ohio	599
LIV—Magnets for the Extraction of Foreign Bodies From the Air and Food Passages. Paul H. Holinger, M.D., Chicago, Illinois	601
LV—Aplasia of the Lung. W. M. Pierson, M.D., Wilmington, Del.	604
LVI—Agenesis of the Right Lung. With Death Following Aspiration of Foreign Bodies Into the Left Lung. Horace E. Mitchell, M.D., Lakewood, Ohio	609
LVII—Penicillin Therapy in the Trachea and Bronchi. Albert H. Andrews, Jr., M.D., and Paul H. Holinger, M.D., Chicago, Ill.	617
LVIII—Boeck's Sarcoid: A Brief Review and Report of a Case in Which Diagnosis Was Made by Bronchoscopic Examination and Biopsy. Arthur M. Olsen, M.D., Rochester, Minn.	629
LVIX—Points of Mutual Interest in Bronchology and Anesthesiology. William H. Cassels, M.D., and Paul H. Holinger, M.D., Chicago, Ill.	638
LX—Diagnosis of Bronchogenic Carcinoma by Examination of Bronchial Secretions. Louis H. Clerf, M.D., and Peter A. Herbut, M.D. (by invitation), Philadelphia, Pa.	646
LXI—Injuries to the Trachea and the Esophagus Incurred in Combat. Commander John S. Knight, Medical Corps (S.) United States Naval Reserve	656
LXII—Perforation of the Esophagus Not Caused by Instrumentation. Review of Eight Cases. C. W. Engler, M.D., Cleveland, Ohio	667
LXIII—Endolaryngeal Surgery Combined With Radiation in Late Laryngeal Cancer. Millard F. Arbuckle, M.D., Saint Louis, Mo.	681
LXIV—Congenital Cyst of the Mediastinum Producing Compression of the Lower Trachea and Esophagus. Gabriel Tucker, M.D., Philadelphia, Pa.	693
Society Proceedings	
Chicago Laryngological and Otological Society. Meeting of Monday, January 7, 1946. Pulmonary Complications In Otolaryngology: Surgical Aspects; Medical Aspects	695
Meeting of Monday, February 4, 1946. The Normal and the Pathologic Structure of the Fissular Region of the Temporal Bone—Factors Influencing Osteogenesis Following the Fenestration Operation: Observations On the Monkey	700
Abstracts of Current Articles	709
Notices	715
Officers of the National Otolaryngological Societies	716

DECEMBER, 1946—NUMBER 4

	PAGE
LXV—Chronic Proliferative Osteomyelitis of the Skull. James H. Maxwell, M.D., Ann Arbor, Mich.	719
LXVI—Effect of Penicillin Lozenges on Clinical and Bacteriological Findings of Patients. Dekle Taylor, M.D., Wave Elaine Culver, A.B., and W. J. Nungester, M.D., Ann Arbor, Mich.	743
LXVII—Tonsillectomy in Early Convalescence From Acute Tonsillitis with the Prophylactic Use of Sulfonamides. Lt. Colonel John E. Bordley and Major Thomas McP. Brown, Medical Corps, Army of the United States	751
LXVIII—Maxillary Sinus Drainage. O. E. Van Alyea, M.D., Chicago, Ill.	754
LXIX—General Factors in Irradiation Therapy. Curtis F. Burnam, M.D., Baltimore, Md.	764
LXX—Irradiation of the Nasopharynx. Samuel J. Crowe, M.D., Baltimore, Md.	779
LXXI—Incidence of Malignant Neoplastic Disease of the Head and Neck. A Statistical Comparison. Joseph G. Schoolman, M.D., Chicago, Ill.	789
LXXII—Chemical Burns of the Esophagus. George I. Uhde, M.D., Portland, Ore.	795
LXXIII—The Aural Rehabilitation Program of the U. S. Army For the Deaf and Hard of Hearing. Leslie E. Morrisett, M.D., Lieutenant Colonel, Medical Corps Reserves	821
LXXIV—A Statistical Analysis of Audiometric Surveys in the Royal Canadian Air Force. Honorary Wing Commander Joseph A. Sullivan, M.B., and Associates, Royal Canadian Air Force	839
LXXV—Experimental and Clinical Observations Regarding the Nasal Vasoconstrictor Action of Oenethyl and EA-83. Harry C. Shirkey, M.D. and D. E. Jackson, M.D., Cincinnati, Ohio	859
LXXVI—Evaluation of Allergen Diagnosis. James C. Healy, M.D., Boston, Mass.	871
LXXVII—The Blood Allergy Method in Otolaryngology. Vincent J. Kelley, M.D., Boston, Mass.	878
LXXVIII—Subdural Empyema of Frontal Sinus Origin. E. C. Schultz, M.D., Charlottesville, Va.	882
LXXIX—Clinical Observations on the Diagnosis and Treatment of Headache with Histamine. O. Jason Dixon, M.D., Kansas City, Mo.	891
LXXX—Bronchial Aspiration for Postoperative Atelectasis. A Simplified Technique. Major Joseph A. Budetti, Medical Corps, Army of the United States	901
LXXXI—The Vascular Dynamics of the Common Cold and Allergic Rhinitis. Simon L. Ruskin, M.D., New York, N. Y.	904
LXXXII—Sinus Therapy by the Use of Volatile Inhalants. Preliminary Report. Louis Klein'eld, M.D., New York, N. Y.	912
 Clinical Notes	
LXXXIII—Adamantinoma of the Maxillary Sinus. Report of Two Cases. George S. Richardson, M.D., Chicago, Ill.	914

	PAGE
LXXXIV—Advanced Carcinomata of the Face. D. F. Weaver, M.D., Detroit, Mich.	932
LXXXV—Eosinophilic Granuloma. Report of a Case Involving the Frontal Bone. Charles I. Johnson, M.D. and Bernard Zonderman, M.D., Boston, Mass.	938
LXXXVI—Salivary Gland Tumor of the Lip. Leon L. Titcher, M.D., Tucson, Ariz.	945
 Society Proceedings	
Sixty-Seventh Annual Meeting of the American Laryngological Association, Chicago, Ill., May 29-30, 1946. Osteomyelitis of the Maxilla Secondary to Suppurative Maxillary Sinusitis—Rhinosporidiosis—Cleft Palate and Lip—The Danger of Unrecognized Anoxia in Otolaryngology—Some Causes of Hoarseness in Children—Aphonia—Associated Paralysis of the Larynx—Intralaryngeal Operation for Selected Cases of Laryngeal Cancer—Intranasal Medication: An Investigation Into the Relative Merits of Certain Methods of Introducing Fluids Into the Nose—Sensitivity from Insufflation of the Powdered Sulfonamides in Acute Infections of the Nose and Throat—Frontal Sinus Drainage—Presentation of a Patient	948
 Obituary	
Thomas Edward Carmody, M.D.	961
Abstracts of Current Articles	963
Notices	981
Officers of the National Otolaryngological Societies	982
Index of Authors	983
Index of Titles	985

Contents.

	PAGE
LXV—Chronic Proliferative Osteomyelitis of the Skull. James H. Maxwell, M.D., Ann Arbor, Mich.	719
LXVI—Effect of Penicillin Lozenges on Clinical and Bacteriological Findings of Patients. Dekle Taylor, M.D., Wave Elaine Culver, A.B., and W. J. Nungester, M.D., Ann Arbor, Mich.	743
LXVII—Tonsillectomy in Early Convalescence From Acute Tonsillitis with the Prophylactic Use of Sulfonamides. Lt. Colonel John E. Bordley and Major Thomas McP. Brown, Medical Corps, Army of the United States	751
LXVIII—Maxillary Sinus Drainage. O. E. Van Alyea, M.D., Chicago, Ill.	754
LXIX—General Factors in Irradiation Therapy. Curtis F. Burnam, M.D., Baltimore, Md.	764
LXX—Irradiation of the Nasopharynx. Samuel J. Crowe, M.D., Baltimore, Md.	779
LXXI—Incidence of Malignant Neoplastic Disease of the Head and Neck. A Statistical Comparison. Joseph G. Schoolman, M.D., Chicago, Ill.	789
LXXII—Chemical Burns of the Esophagus. George I. Uhde, M.D., Portland, Ore.	795
LXXIII—The Aural Rehabilitation Program of the U. S. Army For the Deaf and Hard of Hearing. Leslie E. Morrisett, M.D., Lieutenant Colonel, Medical Corps Reserves	821
LXXIV—A Statistical Analysis of Audiometric Surveys in the Royal Canadian Air Force. Honorary Wing Commander Joseph A. Sullivan, M.B., and Associates, Royal Canadian Air Force	839
LXXV—Experimental and Clinical Observations Regarding the Nasal Vasoconstrictor Action of Oenethyl and EA-83. Harry C. Shirley, M.D. and D. E. Jackson, M.D., Cincinnati, Ohio	859
LXXVI—Evaluation of Allergen Diagnosis. James C. Healy, M.D., Boston, Mass.	871
LXXVII—The Blood Allergy Method in Otolaryngology. Vincent J. Kelley, M.D., Boston, Mass.	878
LXXVIII—Subdural Empyema of Frontal Sinus Origin. E. C. Schultz, M.D., Charlottesville, Va.	882
LXXIX—Clinical Observations on the Diagnosis and Treatment of Headache with Histamine. O. Jason Dixon, M.D., Kansas City, Mo.	891

	PAGE
LXXX—Bronchial Aspiration for Postoperative Atelectasis. A Simplified Technique. Major Joseph A. Budetti, Medical Corps, Army of the United States	901
LXXXI—The Vascular Dynamics of the Common Cold and Allergic Rhinitis. Simon L. Ruskin, M.D., New York, N. Y.	904
LXXXII—Sinus Therapy by the Use of Volatile Inhalants. Preliminary Report. Louis Kleinfeld, M.D., New York, N. Y.	912
 Clinical Notes	
LXXXIII—Adamantinoma of the Maxillary Sinus. Report of Two Cases. George S. Richardson, M.D., Chicago, Ill.	914
LXXXIV—Advanced Carcinomata of the Face. D. F. Weaver, M.D., Detroit, Mich.	932
LXXXV—Eosinophilic Granuloma. Report of a Case Involving the Frontal Bone. Charles I. Johnson, M.D. and Bernard Zonderman, M.D., Boston, Mass.	938
LXXXVI—Salivary Gland Tumor of the Lip. Leon L. Titcher, M.D., Tucson, Ariz.	945
 Society Proceedings	
Sixty-Seventh Annual Meeting of the American Laryngological Association, Chicago, Ill., May 29-30, 1946. Osteomyelitis of the Maxilla Secondary to Suppurative Maxillary Sinusitis—Rhinosporidiosis—Cleft Palate and Lip—The Danger of Unrecognized Anoxia in Otolaryngology—Some Causes of Hoarseness in Children—Aphonia—Associated Paralysis of the Larynx—Intralaryngeal Operation for Selected Cases of Laryngeal Cancer—Intranasal Medication: An Investigation Into the Relative Merits of Certain Methods of Introducing Fluids Into the Nose—Sensitivity from Insufflation of the Powdered Sulfonamides in Acute Infections of the Nose and Throat—Frontal Sinus Drainage—Presentation of a Patient	948
 Obituary	
Thomas Edward Carmody, M.D.	961
Abstracts of Current Articles	963
Notices	981
Officers of the National Otolaryngological Societies	982
Index of Authors	983
Index of Titles	985

